

CLAIMS

What is claimed is:

1. A freight rack disposed in a container, wherein the rack has the capability of reinforcing the container from the inside.

2. The freight rack according to claim 1, comprising:
a base member movable longitudinally in the container, together with freight loaded thereon; and
a vertical bracing member which is brought into contact with the inside upper part of the container to exert an upward force on the container.

3. The freight rack according to claim 2, wherein said vertical bracing member is adjustable in vertical length so that the top of the vertical bracing member is brought into contact with each of the right and left corners of the inside upper part of the container.

4. The freight rack according to one of claims 1-3, comprising:
a base member movable longitudinally in the container, together with freight loaded thereon; and
a lateral bracing member which is brought into contact with each of the right and left insides of the container to exert an outward force on the container.

5. The freight rack according to claim 4, wherein said lateral bracing member is adjustable in lateral length so that a convex section of a plate member fixed to the top of the lateral bracing member is brought into contact with the inside concave section of the corrugated side panel of the container.

6. The freight rack according to one of claims 2-5, comprising an inclined support member which can carry freight and be disposed in the inclined state with one side lifted.

7. The freight rack according to claim 2 or 3, wherein said vertical bracing member is pinned to said base member and wherein the vertical bracing member is raised upright on the base member when connected with a diagonal member as a cross bracing, and is laid down on the base member together with said diagonal member when uncoupled with the diagonal member.

8. The freight rack according to claim 2 or 3, wherein said vertical bracing member is raised upright on said base member when connected to the base member by pins having different axial centers, and laid down on the base member when the connection including pins having different axial centers is relieved.

9. The freight rack according to one of claims 2-8, wherein said freight rack is constructed so that said base member is connectable to another base member of the adjacent freight rack in the container.

10. The freight rack according to claim 9, wherein a plurality of said freight racks are disposed in the container in the state that the rear end of the base member is positioned at the back of the front end of the base member of another freight rack, and wherein the rear part of the base member is attached with a coupling frame which is selective in positioning in the longitudinal direction and constrains the front end of the base member of another freight rack to connect the base members with each other.

11. The freight rack according to one of claims 2-10, wherein said base member includes wheels for the longitudinal movement and an adjustable rod which can be extended downward to the ground.

12. The freight rack according to one of claims 2-11, comprising a rubber damper on the front or rear end of said base member.

13. The freight rack according to claim 3, wherein the top of said vertical bracing member is provided with an attachment which is selective in positioning and has the shape to fit into each of the right and left corners of the inside upper part of the container.

14. The freight rack according to claim 6, wherein said inclined support member is provided with a contact piece and a cavity so that a forklift is allowed to lift and lower the rear part of the inclined support member, the contact piece being placed at the lower part near the rear end of the inclined support member and allowing the upper surface of the fork of

the forklift to come in contact with the contact piece for supporting, and the cavity being disposed in front of the contact piece and having a space extending upward.

15. The freight rack according to one of claims 2-14, comprising a flattened hollow frame which is provided on the inclined support member or the base member and has a depth for inserting the fork of a forklift up to the basis so that the whole of the freight rack can be lifted by means of the forklift.

16. The freight rack according to claim 7 or 8, comprising a stacking post projecting upward or downward while the vertical bracing member is laid down on the base member.

17. The freight rack according to one of claims 1-16, wherein a slope member is removably stored near the rear end of the freight rack, which is connectable to the rear end of the freight rack for easier freight transferring between the ground and the freight rack.

18. The freight rack according to one of claims 1-17, wherein the freight rack carries an automobile as the freight.